

42-310 Removal and installation of tandem main cylinder

Data

Cylinder dia.	push rod circuit	inches	15/16
		mm	23.81
	floating circuit	inches	3/4
		mm	19.05

Tightening torque	Nm
Hex. nuts for attaching main cylinder to brake unit	15

Conventional tool

Open double box wrench 9 x 11 mm	e.g. made by Hazet, D-5630 Remscheid order No. 612
----------------------------------	---

Note

For loosening and tightening brake lines use conventional open double box wrench only.

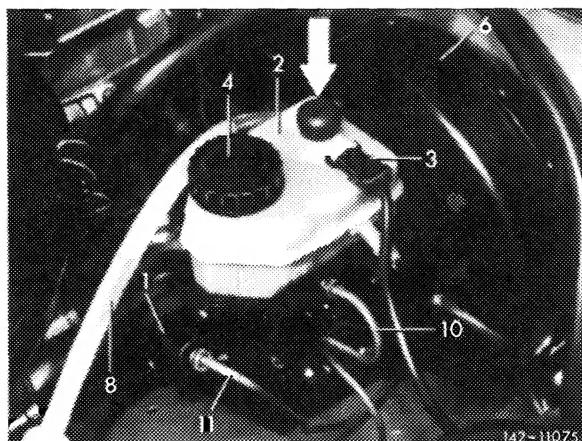
Removal

1 Pump out brake fluid via an open bleeder plug of the front axle and rear axle brake circuit. Make sure that both chambers of the expansion tank are drained.

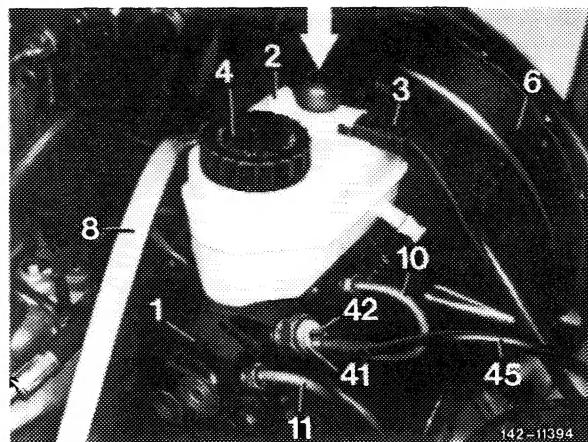
2 Loosen plug connections (3) on contact insert of warning device, while lifting holding lugs off by means of a small screw driver.

3 Disconnect both brake lines to front wheel brake and brake line to rear wheel brake on tandem main cylinder.

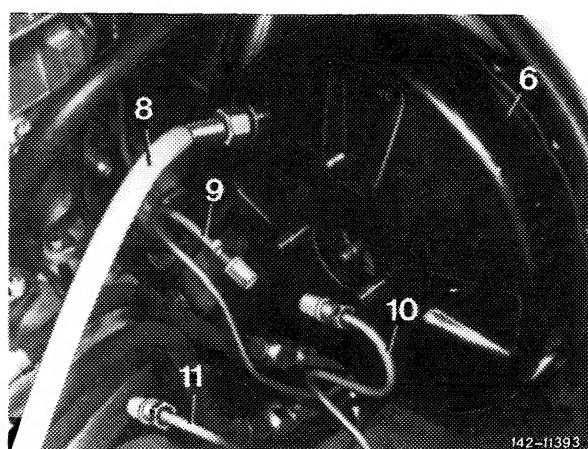
Immediately close all brake lines with rubber caps, and close connections on tandem main cylinder with blind plugs.



4 On tandem master cylinder with pressure difference warning indicator (DDW), pull cable (45) from switch (41).



5 Loosen tandem main cylinder on brake unit and remove, while paying attention to O-ring located in groove of tandem main cylinder flange.



Installation

Attention!

The O-ring between the tandem main cylinder and the brake unit should always be renewed, since the connection must be **completely vacuum-tight**.

6 Insert O-ring (11) into groove of tandem main cylinder (12) and attach main cylinder to brake unit (10). Tighten hex. nuts to 15 Nm.

7 Connect brake lines to tandem main cylinder.

8 Fill expansion tank with brake fluid. Make sure that all chambers are completely filled with brake fluid.

9 Connect plug connection on contact insert of warning device.

10 On tandem master cylinder with pressure difference warning indicator, plug cable (45) on switch (41).

11 Bleed brakes and check for leaks (42–010 and 42–015).

